ain.c [ABIOYE FOLAWIYO ABDULA-AZEEM 18/ENG03/002 CIVIL] - Code::Blocks 17.12

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Debug

obal> main() : int

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ABIOYE FOLAWIYO ABDUL

Sources

main.c

main.c

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    int days, years, weeks;
    days=1343;
    years=days/365;
    weeks=(days % 365)/7;
    days=days-((years*365)+(weeks*7));
    printf("Years: %d\n", years);
    printf("Weeks: %d\n", weeks);
    printf("Days: %d\n", days);
    printf("Hello world!\n");
    return 0;
}
```

"C:\Users\Dell\Desktop\FOLA\002 CIVIL\ABIOYE FOLAWIYO ABDULA-AZEEM 18\ENG03\bi

```
Years: 3
Weeks: 35
Days: 3
Hello world!

Process returned 0 (0x0)   execution time : 0.453 s
Press any key to continue.
```

main.c [ABIOYE FOLAWIYO ABDULA-AZEEM 18/ENG03/002 CIVIL] - Code::Blocks 17.12

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    float x, y, z, P, A;
    printf("\ninput the first number: ");
    scanf("%f", &x);
    printf("\ninput the second number: ");
    scanf("%f", &y);
    printf("\ninput the third number: ");
    scanf("%f", &z);
    if(x<(y+z)&&y<(x+z)&&z<(y+z))
    {
        P = x+y+z;
        printf("\nperimeter = %lf\n", P);
    }
    else
    {
        printf("not possible to create a triangle..!");
    }
    printf("Hello world!\n");
    return 0;
```

```
"C:\Users\Dell\Desktop\FOLA\002 CIVIL\ABIOYE FOLAWIYO ABDULA-AZEEM 18\ENG0

input the first number: 5

input the second number: 7

input the third number: 3

perimeter = 15.000000
Hello world!

Process returned 0 (0x0)   execution time : 11.127 s
Press any key to continue.
```

main.c [ABIOYE FOLAWIYO ABDULA-AZEEM 18/ENG03/002 CIVIL] - Code::Blocks 17.12

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Sources

main.c

main.c

```c
#include <stdio.h>
#include <stdlib.h>

int main()
{
    float x1, y1, x2, y2, distance;
    printf("input x1: ");
    scanf("%f", &x1);
    printf("input y1: ");
    scanf("%f", &y1);
    printf("input x2: ");
    scanf("%f", &x2);
    printf("input y2: ");
    scanf("%f", &y2);
    distance = ((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1));
    printf("distance between the said points: %.4f", sqrt(distanc
    printf("\n");
    printf("Hello world!\n");
    return 0;
}
```

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```
input x1: 12
input y1: 3
input x2: 2
input y2: 4
distance between the said points: 10.0499
Hello world!

Process returned 0 (0x0)   execution time
Press any key to continue.
```

main.c [ABIOYE FOLAWIYO ABDULA-AZEEM 18/ENG03/002 CIVIL] - Code::Blocks 17.12

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```c
int main()
{
    int age;
    int cnt_baby,cnt_school=0,cnt_adult=0;
    int count=0;
    while(count<15)
    {
        printf("enter age of person [%d]: ",count+1);
        scanf("%d", &age);
        if(age>=0 &&age<=5)
            cnt_baby++;
        else if(age>=6 && age<=17)
            cnt_school++;
        else
            cnt_adult++;
        count++;
    }
    printf("baby age: %d\n" ,cnt_baby);
    printf("school age: %d\n" ,cnt_school);
    printf("adult age: %d\n" ,cnt_adult);
    printf("Hello world!\n");
    return 0;
```

"C:\Users\Dell\Desktop\FOLA\002 CIVIL\ABIOYE FOLAWIYO

```
enter age of person [1]: 12
enter age of person [2]: 1
enter age of person [3]: 2
enter age of person [4]: 3
enter age of person [5]: 4
enter age of person [6]: 43
enter age of person [7]: 93
enter age of person [8]: 82
enter age of person [9]: 18
enter age of person [10]: 20
enter age of person [11]: 10
enter age of person [12]: 89
enter age of person [13]: 34
enter age of person [14]: 11
enter age of person [15]: 341
baby age: 142
school age: 3
adult age: 8
Hello world!

Process returned 0 (0x0)   execution time : 31.287 s
Press any key to continue.
```

m.c [ABIOYE FOLAWIYO ABDULA-AZEEM 18/ENG03/002 CIVIL] - Code::Blocks 17.12

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Debug

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Sources

main.c

main.c

```c
    stime = (unsigned) ltime/2;
    srand(stime);

    //generate random number
    random_genNo=rand()%1000;

    //run infinite loop
    while(1)
    {
        //increase counter
        count+=1;

        //read number from user
        printf("\n\nGuess a number from (0 to 1000): ");
        scanf("%d",&num);

        //compare entered number with generated number

        if(random_genNo==num){
            printf("Congratulations, you have guessed a correct number.");
            break;
        }
        else if(random_genNo<num){
            printf("Generated number is less than entered number, try your luck again...");
        }
        else if(random_genNo>num){
            printf("Generated number is greater than entered number, try your luck again...");
        }

        if(count==7){
            printf("### Maximum limit of atttempt finished, BAD LUCK !!!\n");
```

"C:\Users\Dell\Desktop\FOLA\002 CIVIL\ABIOYE FOLAWIYO ABDULA-...

```
Guess a number from (0 to 1000): 12
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 102
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 0
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 32
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 1
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 2
Generated number is greater than entered number, try your luck again...

Guess a number from (0 to 1000): 398
Generated number is greater than entered number, try your luck again...

### Maximum limit of atttempt finished, BAD LUCK !!!
Hello world!

Process returned 0 (0x0)   execution time : 15.334 s
Press any key to continue.
```